

CHAPTER Env-A 2500            PULP AND PAPER INDUSTRY: PARTICULATE MATTER AND  
VISIBLE EMISSION STANDARDS

Statutory Authority: RSA 125-C:4

PART Env-A 2501    PURPOSE

Env-A 2501.01    Purpose.    The purpose of this chapter is to establish particulate matter emission standards and visible emission standards for kraft mills, sulfite mills, and paper manufacturing facilities.

PART Env-A 2502    SCOPE

Env-A 2502.01    Scope.    This chapter shall apply to any kraft mill, sulfite mill and paper manufacturing facility in the state.

PART Env-A 2503    EMISSION STANDARDS FOR KRAFT MILLS WHICH  
COMMENCED CONSTRUCTION OR MODIFICATION PRIOR TO  
OR ON SEPTEMBER 24, 1976

Env-A 2503.01    Emission Standards for Specific Sources or Devices Utilized at Kraft Mills which Commenced Construction or Modification Prior to or On September 24, 1976. For the following devices, which commenced construction or modification prior to or on September 24, 1976, utilized at a kraft mill, no person shall cause or allow the emission of particulate matter to exceed any of the following standards:

(a) For recovery furnaces: 1.8 kilograms per ton, or 4 pounds per ton, of air dried pulp;

(b) For lime kilns: 0.87 kilograms per ton, 1.9 pound per ton, of lime mud; or

(c) For smelt tanks: 0.23 kilograms per ton, 0.5 pound per ton, of air dried pulp.

Env-A 2503.02    Particulate Matter Emission Standards for Non-Fuel Burning Devices Utilized at Kraft Mills which Commenced Construction or Modification Prior to or On September 24, 1976. For non-fuel burning devices utilized at kraft mills which commenced construction or modification prior to or on September 24, 1976, no person shall cause or allow the emission of particulate matter to exceed those emission standards specified for "Existing Devices" in Table 2103-1, or calculated pursuant to Env-A 2103 or Env-A 2104.

Env-A 2503.03    Visible Emission Standards for Non-Fuel Burning Devices Utilized at Kraft Mills which Commenced Construction or Modification Prior to or On September 24, 1976.

(a) Unless otherwise specified in this chapter, no person shall cause or allow visible fugitive emissions or visible stack emissions from any non-fuel burning device that commenced construction or modification prior to or on September 24, 1976 to exceed an average of 20 percent opacity for any continuous 6-minute period in any 60-minute period.

(b) Opacity shall be determined in accordance with Env-A 807.

Env-A 2503.04    Emission Standards for Fuel Burning Devices Utilized at Kraft Mills which Commenced Construction or Modification Prior to or On

September 24, 1976. For fuel burning devices utilized at kraft mills which commenced construction or modification prior to or on September 24, 1976, no person shall cause or allow the emission of particulate matter to exceed those emission standards specified in Env-A 2000.

Env-A 2503.05      Visible Emission Standards for Fuel Burning Devices Utilized at Kraft Mills which Commenced Construction or Modification Prior to or On September 24, 1976. For fuel burning devices utilized at kraft mills which commenced construction or modification prior to or on September 24, 1976, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those emission standards specified in Env-A 2000.

PART Env-A 2504      EMISSION STANDARDS FOR KRAFT MILLS WHICH  
COMMENCED CONSTRUCTION OR MODIFICATION AFTER SEPTEMBER 24,  
1976

Env-A 2504.01      Emission Standards for Devices Subject to 40 CFR 60, Subpart BB and Utilized at Kraft Mills which Commenced Construction or Modification After September 24, 1976. For devices meeting the applicability requirements of 40 CFR 60, Subpart BB, no person shall cause or allow the emission of particulate matter to exceed those standards as specified in 40 CFR 60, Subpart BB.

Env-A 2504.02      Visible Emission Standards for Devices Subject to 40 CFR 60, Subpart BB and Utilized at Kraft Mills which Commenced Construction or Modification After September 24, 1976. For devices meeting the applicability requirements of 40 CFR 60, Subpart BB, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those standards as specified in 40 CFR 60, Subpart BB.

Env-A 2504.03      Emission Standards for Non-Fuel Burning Devices Not Subject to 40 CFR 60, Subpart BB and Utilized at Kraft Mills which Commenced Construction or Modification After September 24, 1976. For non-fuel burning devices which are not subject to 40 CFR 60, Subpart BB, no person shall cause or allow the emission of particulate matter to exceed those emission standards specified for "New Devices" in Table 2103-1, or calculated pursuant to Env-A 2104 or Env-A 2106.

Env-A 2504.04      Visible Emission Standards for Non-Fuel Burning Devices Not Subject to 40 CFR 60, Subpart BB and Utilized at Kraft Mills which Commenced Construction or Modification After September 24, 1976.

(a) Unless otherwise specified in this chapter, no person shall cause or allow visible fugitive emissions or visible stack emissions from any non-fuel burning device not subject to 40 CFR 60, subpart bb and utilized at kraft mills that commenced construction or modification after September 24, 1976 to exceed an average of 20 percent opacity for any continuous 6-minute period in any 60-minute period, except as specified in Env-A 2000.

(b) Opacity shall be determined in accordance with Env-A 807.

Env-A 2504.05      Emission Standards for Fuel Burning Devices Not Subject to 40 CFR 60, Subpart BB and Utilized at Kraft Mills which Commenced Construction or Modification After September 24, 1976. For fuel burning devices which are not subject to 40 CFR 60, Subpart BB, no person shall cause or allow the emission of particulate matter to exceed those emission standards specified in Env-A 2000.

Env-A 2504.06 Visible Emission Standards for Fuel Burning Devices Not Subject to 40 CFR 60, Subpart BB and Utilized at Kraft Mills which Commenced Construction or Modification After September 24, 1976. For fuel burning devices which are not subject to 40 CFR 60, Subpart BB, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those emission standards specified in Env-A 2000.

PART Env-A 2505 EMISSION STANDARDS FOR SULFITE MILLS INSTALLED PRIOR TO OR ON FEBRUARY 18, 1972

Env-A 2505.01 Emission Standards for Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972. For fuel burning devices utilized at sulfite mills installed prior to or on February 18, 1972, no person shall cause or allow emission standards to exceed those as specified in Env-A 2000.

Env-A 2505.02 Visible Emission Standards for Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972. For fuel burning devices utilized at sulfite mills installed prior to or on February 18, 1972, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those emission standards specified in Env-A 2000.

Env-A 2505.03 Emission Standards for Non-Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972. For fuel burning devices utilized at sulfite mills installed prior to or on February 18, 1972, no person shall cause or allow emission standards to exceed those specified for "Existing Devices" in Table 2103-1.

Env-A 2505.04 Visible Emission Standards for Non-Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972.

(a) Unless otherwise specified in this chapter, no person shall cause or allow visible fugitive emissions or visible stack emissions from any non-fuel burning device utilized at sulfite mills installed prior to or on February 18, 1972, to exceed an average of 20 percent opacity for any continuous 6-minute period in any 60-minute period, except as specified in Env-A 2000.

(b) Opacity shall be determined in accordance with Env-A 807.

PART Env-A 2506 EMISSION STANDARDS FOR SULFITE MILLS INSTALLED AFTER FEBRUARY 18, 1972

Env-A 2506.01 Emission Standards for Fuel Burning Devices Utilized at Sulfite Mills Installed After February 18, 1972. For fuel burning devices utilized at sulfite mills installed after February 18, 1972, no person shall cause or allow emission standards to exceed those as specified in Env-A 2000.

Env-A 2506.02 Visible Emission Standards for Fuel Burning Devices Utilized at Sulfite Mills Installed After February 18, 1972. For fuel burning devices utilized at sulfite mills installed after February 18, 1972, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those emission standards specified in Env-A 2000.

Env-A 2506.03 Emission Standards for Non-Fuel Burning Devices Utilized at Sulfite Mills Installed After February 18, 1972. For non-fuel

burning devices utilized at sulfite mills installed after February 18, 1972, no person shall cause or allow emission standards to exceed those specified for "New Devices" in Table 2103-1.

Env-A 2506.04      Visible Emission Standards for Non-Fuel Burning Devices Utilized at Sulfite Mills Installed After February 18, 1972.

(a) Unless otherwise specified in this chapter, no person shall cause or allow average visible fugitive emissions or average visible stack emissions from any non-fuel burning device installed after February 18, 1972 to exceed an average of 20 percent opacity for any continuous 6-minute period in any 60-minute period.

(b) Opacity shall be determined in accordance with Env-A 807.

PART Env-A 2507      EMISSION STANDARDS FOR PAPER MANUFACTURING  
FACILITIES INSTALLED PRIOR TO OR ON FEBRUARY  
18, 1972

Env-A 2507.01      Emission Standards for Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed Prior to or On February 18, 1972. For fuel burning devices utilized at paper manufacturing facilities installed prior to or on February 18, 1972, no person shall cause or allow emission standards to exceed those as specified in Env-A 2000.

Env-A 2507.02      Visible Emission Standards for Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed Prior to or On February 18, 1972. For fuel burning devices utilized at paper manufacturing facilities installed prior to or on February 18, 1972, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those emission standards specified in Env-A 2000.

Env-A 2507.03      Emission Standards for Non-Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed Prior to or On February 18, 1972. For non-fuel burning devices utilized at paper manufacturing facilities installed prior to or on February 18, 1972, no person shall cause or allow emission standards to exceed those specified for "Existing Devices" in Table 2103-1.

Env-A 2507.04      Visible Emission Standards for Non-Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed Prior to or On February 18, 1972.

(a) Unless otherwise specified in this chapter, no person shall cause or allow average visible fugitive emissions or average visible stack emissions from any non-fuel burning device utilized at paper manufacturing facilities installed prior to or on February 18, 1972 to exceed an average of 20 percent opacity for any continuous 6-minute period in any 60-minute period.

(b) Opacity shall be determined in accordance with Env-A 807.

PART Env-A 2508      EMISSION STANDARDS FOR PAPER MANUFACTURING  
FACILITIES INSTALLED AFTER FEBRUARY 18, 1972

Env-A 2508.01      Emission Standards for Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed After February 18, 1972. For fuel

burning devices utilized at paper manufacturing facilities installed after February 18, 1972, no person shall cause or allow emission standards to exceed those as specified in Env-A 2000.

Env-A 2508.02      Visible Emission Standards for Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed After February 18, 1972. For fuel burning devices utilized at paper manufacturing facilities installed after February 18, 1972, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those emission standards specified in Env-A 2000.

Env-A 2508.03      Emission Standards for Non-Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed After February 18, 1972. For non-fuel burning devices utilized at paper manufacturing facilities installed after February 18, 1972, no person shall cause or allow emission standards to exceed those specified for "New Devices" in Table 2103-1.

Env-A 2508.04      Visible Emission Standards for Non-Fuel Burning Devices Utilized at Paper Manufacturing Facilities Installed After February 18, 1972.

(a) Unless otherwise specified in this chapter, no person shall cause or allow visible fugitive emissions or visible stack emissions from any non-fuel burning device utilized at paper manufacturing facilities installed after February 18, 1972 to exceed an average of 20 percent opacity for any continuous 6-minute period in any 60-minute period, except for periods of start-up.

(b) Opacity shall be determined in accordance with Env-A 807.

PART Env-A 2509      PERMIT, FEE, TESTING, MONITORING, RECORDKEEP-ING, AND  
REPORTING REQUIREMENTS

Env-A 2509.01      Permit, Fee, Testing, Monitoring, Recordkeep-ing, and Reporting Requirements. Sources or devices subject to this chapter shall comply with the following, where applicable:

- (a) Permit requirements specified in Env-A 600;
- (b) Fee requirements specified in Env-A 700;
- (c) Testing and monitoring requirements specified in Env-A 800; and
- (d) Recordkeeping and reporting requirements specified in Env-A 900.